

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IT2004/000370

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B65H45/20 B65H33/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B65H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category ° | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| X | EP 0 294 675 A (OMET SRL) 14 December 1988 (1988-12-14) column 3, line 13 - column 4, line 49; figures 1-3 | 1-3 |
| A | ----- | 4-20 |
| A | WO 02/12102 A (O M T S R L ; TOMMASI MARCELLO (IT)) 14 February 2002 (2002-02-14) the whole document ----- | 1-20 |
| A | WO 01/62651 A (BETTI GIULIO ; GHILARDI MAURO (IT); BENVENUTI ANGELO (IT); MORELLI ALE) 30 August 2001 (2001-08-30) the whole document ----- -/- | 1-20 |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

9 November 2004

Date of mailing of the international search report

17/11/2004

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National Application No
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|----------|--|-----------------------|
| A | US 6 120 240 A (GHILARDI MAURO) 19 September 2000 (2000-09-19) cited in the application the whole document ----- | 1-20 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PCT/IT2004/000370

| Patent document cited in search report | Publication date | | Patent family member(s) | Publication date |
|--|------------------|--|---|--|
| EP 0294675 | A 14-12-1988 | IT DE DE EP ES JP JP US | 1204706 B 3852574 D1 3852574 T2 0294675 A2 2068815 T3 1008188 A 2799864 B2 4938465 A | 10-03-1989 09-02-1995 10-08-1995 14-12-1988 01-05-1995 12-01-1989 21-09-1998 03-07-1990 |
| WO 0212102 | A 14-02-2002 | IT AU WO EP | MI20001831 A1 8974501 A 0212102 A1 1305245 A1 | 04-02-2002 18-02-2002 14-02-2002 02-05-2003 |
| WO 0162651 | A 30-08-2001 | IT AU WO | FI20000041 A1 4102901 A 0162651 A1 | 23-08-2001 03-09-2001 30-08-2001 |
| US 6120240 | A 19-09-2000 | IT AT AU BR CA CN DE DE EP ES GR WO JP RU ZA | FI960008 A1 193270 T 1617097 A 9707478 A 2244832 A1 1210500 A , B 69702118 D1 69702118 T2 0879200 A1 2146078 T3 3033540 T3 9728076 A1 2000503953 T 2152347 C1 9700428 A | 30-07-1997 15-06-2000 22-08-1997 06-04-1999 07-08-1997 10-03-1999 29-06-2000 01-02-2001 25-11-1998 16-07-2000 29-09-2000 07-08-1997 04-04-2000 10-07-2000 30-07-1997 |